

### **ABSTRACT OF THE DISCLOSURE**

A tensioning device for strip-shaped tension members on supporting structures, especially concrete supporting structures, exhibits a tensioning traverse, which is detachably fastened to a base plate that is permanently fastened to the supporting structure. A prestressing anchor, which is connected to the strip-shaped tension member by means of clamping, may be displaced by means of pressing elements for the purpose of applying tension to tension member and supported against the tensioning traverse or the base plate. A guide body, which supports the tension member so that it may glide, at least upward, is arranged between the tensioning traverse and the prestressing anchor so as to be stationary. The guide body exhibits a guide slit that accommodates the tension member so that it can glide, and it is mounted on a guide support that is connected to the tensioning traverse so as to be deflection resistant.